

Amendments to the Specification:

Please replace paragraph [0021] with the following paragraph:

[0021] The electric motor M includes an output shaft 41, a rotor 48 and a stator 49. The output shaft 41 is supported by bearings 46 and 47 in the motor housing [M]H3 for rotation. The rotor 48 is mounted on the output shaft 41. The stator 49 is mounted on the inner circumferential surface of the motor housing H3. The output shaft 41 has the same axis as the rotary axis of the rotary shaft 19 of the pumping mechanism P. The output shaft 41 extends through the motor housing H3 and the gear housing H2. Thereby, the front end of the output shaft 41 is connected to the rear end of the shaft coupling 40, which serves as a rotary member, in the gear housing H2. The front end of the shaft coupling 40 is connected to the rear end of the rotary shaft 19. The rotary member includes the shaft coupling 40 and the output shaft 41. Note that a rotary unit includes the rotary member and the rotary shaft 19.

Please replace paragraph [0033] with the following paragraph:

[0033] (2) In the motor housing H3, a tool insertion hole 43 is formed for allowing the hexagon wrench KG to be inserted into the motor housing H3. The hexagon wrench KG is engaged with the output shaft 41 of the motor housing [M]H3 by such a simple structure as the tool insertion hole 43. In addition, the tool insertion hole 43 is closed by attaching the sealing bolt 45 and is also opened by removing the sealing bolt 45. Therefore, during the operation of the vacuum pump, if the tool insertion hole 43 is blocked by the sealing bolt 45, sealing the vacuum pump housing is satisfactorily maintained. Further, when the vacuum pump is maintained, the tool insertion hole 43 is opened by a simple operation such as removal of the sealing bolt 45 from the motor housing H3. Thereby, the hexagon wrench KG can be inserted into the motor housing H3.